DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
10903 New Hampshire Avenue
Document Control Center – WO66-G609
Silver Spring, MD 20993-0002

October 7,2014

Eco Medi Glove SDN BHD
Mr. Suresh Kumar
Quality Assurance Manager
Lot 23836, Jalan Tembaga Kuning
Kamunting Raya Industrial Estate
Kamunting Perak, Malaysia 34600

Re: K141510
Trade/Device Name: EMG White Nitrile Examination Gloves Powder Free
Regulation Number: 21 CFR 880.6250
Regulation Name: Patient Examination Glove
Regulatory Class: I
Product Code: LZA
Dated: September 5, 2014
Received: September 5, 2014

Dear Mr. Suresh Kumar:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act

or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm.

Sincerely yours,

Susan Runner DDS, MA

Erin I. Keith, M.S.
Director
Division of Anesthesiology, General Hospital,
Respiratory, Infection Control and
Dental Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Food and Drug Administration

Indications for Use

Form Approved: OMB No. 0910-0120
Expiration Date: January 31, 2017
See PRA Statement below.

510(k) Number *(if known)*
K141510

Device Name
EMG White Nitrile Medical Examination Gloves Powder Free

Indications for Use *(Describe)*
A Powder Free Patient examination gloves is a disposable device intended for Medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner

Type of Use *(Select one or both, as applicable)*

☐ Prescription Use (Part 21 CFR 801 Subpart D) ☒ Over-The-Counter Use (21 CFR 801 Subpart C)

PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON A SEPARATE PAGE IF NEEDED.

FOR FDA USE ONLY

Concurrence of Center for Devices and Radiological Health (CDRH) *(Signature)*

This section applies only to requirements of the Paperwork Reduction Act of 1995.

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ECO Medi Glove Sdn. Bhd. (815262-D)
(formerly known as Sinetimed Consumables Sdn. Bhd.)
Lot 23826, Jalan Tembaga Kuning, Kamunting Raya Industrial Estate, 34600 Taiping. Perak Darul Ridzuan. **MALAYSIA.**
TEL +60-5-891 2777 FAX +60-5-891 2999

Appendix 2
510K#: K141510

510(K) Summary
EMG White Nitrile Medical Examination Glove Powder Free .

1.0 Submitter :

Company Name : ECO MEDI GLOVE SDN. BHD

Company Address : Lot 23826,Jalan Tembaga Kuning
Kamunting Raya Industrial Estate,
34600,Kamunting Perak
Malaysia.

Contact Person : Mr Suresh Kumar

Telephone No : 603-60283033

Email : suresh@ecomediglove.com.my

2.0 Preparation Date : 22th September 2014

3.0 Name of the Device

Trade Name / Proprietary Name : EMG White Nitrile Medical Examination Gloves Powder Free

Device Name : Nitrile Patient Examination gloves

Device Classification Name : Patient Examination gloves (21 CFR 880.6250)

Device Class : Class I

Product Code : Nitrile-LZA

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4.0 Identification of The Legally Marketed Device :

Class I patient Examination gloves,Powder Free,LZA which meets all the requirement of ASTM D 6319-10 and FDA 21 CFR 880.6250.It is equivalent to K112928, RS White Nitrile Medical Examination Gloves Powder Free (Non-Sterile)

5.0 Description of Device

White Nitrile Medical Examination gloves powder free, non sterile, as described in this 510(k) Notification is substantially equivalent to the current class I patient examination gloves with product Code LZA (21CFR 880.6250). It meets all the specifications in ASTM D6319-10, Standard specification for Nitrile Examination Gloves. They are made nitrile from nitrile latex compound, white colour, powder free and non sterile.

This White Nitrile Medical Examination Gloves Powder Free is a disposable device intended for medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner

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6.1. Specification for Nitrile gloves:
6.1.1 Dimension and Thickness of Gloves

Dimension	Size S	Size M	Size L	Size XL
Overall Length (mm)	230min	230min	230min	230min
Width (± 5mm)	85	95	105	115
Thickness at Palm (mm)	0.05min	0.05min	0.05min	0.05min
Thickness at Finger Tip (mm)	0.05min	0.05min	0.05min	0.05min

6.3.2.2 Gloves Physical Properties and Holes

Measurement	Before Ageing	After Aging at 70°C for 168 hrs @ 100°C for 22 hrs
Tensile Strength (MPa)	14min	14 Min
Ultimate Elongation (%)	500min	400min
Pin-hole Level	AQL 2.5 Inspection Level G-1	AQL 2.5 Inspection Level G-1

Gloves meet all the specification listed in ASTM D 6319-10

7.0 Intended use of the Device

A powder-free patient examination glove is a disposable device intended for medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner. It is for over-the-counter use.

8.0 Summary of the Technological Characteristics of the Device compared to the Predicate Device for substantial equivalent discussion

There is no different technology characteristics compared to the predicate device . Gloves are made from nitrile latex compound, White colour, powder free and non sterile. It is equivalent to K112928, RS White Nitrile Medical Examination Gloves Powder Free (Non-Sterile)

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Characteristics	**Acceptance Criteria**	**EMG White Nitrile Medical Examination Gloves Powder Free,K141150**	**RS White Nitrile Medical Examination Gloves Powder Free (Non-Sterile) K112928**
Product Code	LZA	LZA	LZA
Intended use	A powder free patient examination glove is a disposable device intended for medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner. The device is for over-the-counter use.Intended use	A powder free patient examination glove is a disposable device intended for medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner. The device is for over-the-counter use.	A powder free patient examination glove is a disposable device intended for medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner. The device is for over-the-counter use.
Material use	Not made from Natural Rubber Latex	Nitrile latex compound	Nitrile latex compound
Colour	White	White	White
Sterility	Non sterile	Non sterile	Non sterile
Dimensions	Overall Length (mm) = Min 230mm Width (± 5mm) **Size S = 85mm** **Size M = 95mm** **Size L = 105mm** **Size XL = 115mm** Thickness at Palm (mm) = Min 0.05min Thickness at Finger Tip (mm) = Min 0.05min	Meets ASTM D6319-10	Meets ASTM D6319-10

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Physical properties	**Before Ageing** Tensile Strength (MPa) = Min 14min Ultimate Elongation (%) = Min 500min **After Aging at 70°C for 168 hrs @ 100°C for 22 hrs** Tensile Strength (MPa) = Min 14min Ultimate Elongation (%) = Min 400min	Meets ASTM D6319-10	Meets ASTM D6319-10
Freedom from pinholes	AQL 2.5 Inspection Level G-1	Meets ASTM D5151-06	Meets ASTM D5151-06
Residual Powder	≤ 2.0 mg/pc	Meets ASTM D6124-06	Meets ASTM D6124-06
Biological Evaluation on Medical Device - Primary Skin Irritation Test	Test Article was non irritant	Under the conditions of this study, the test article was a non-irritant	Under the conditions of this study, the test article was a non-irritant
Biological Evaluation on Medical Device- Dermal Sensitization Assay	Test Article was non sensitizer	Under the conditions of this study, the test article was a non-sensitizer.	Under the conditions of this study, the test article was a non-sensitizer.

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9.0 Conclusion

It can be concluded that EMG White Nitrile Medical Examination Gloves Powder Free and predicate devices are substantially equivalent base on intended uses, physical properties, technological characteristics and non-clinical performance